

STATE OF IOWA
DEPARTMENT OF COMMERCE
UTILITIES BOARD

IN RE: MIDAMERICAN ENERGY COMPANY	DOCKET NO. P-844
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PIPELINE PERMIT

(Issued December 13, 2002)

Permit No. 1206 Lateral Pleasant Hill

Permission is granted to MidAmerican Energy Company (MidAmerican), Des Moines, Iowa, to construct, operate, and maintain a pipeline in Polk County, Iowa, for the transportation of natural gas at a maximum operating pressure of 800 psig for approximately 12.9 miles over the route attached to and incorporated by reference in this permit.

Permit No. 1206 is granted subject to the provisions of Iowa Code Chapter 479 (2001), 199 Iowa Administrative Code Chapters 9 and 10, and the September 25, 2002, "Proposed Decision and Order Granting Permit" as modified by the December 4, 2002, "Order Affirming and Modifying Proposed Decision and Order Granting Permit" issued in this docket. The September 25, 2002, and December 4, 2002, "Orders" found that the route had been established definitely, and the 160-rod deviation set forth in 199 Iowa Administrative Code 10.7 shall not apply, although minor route adjustments to respond to unexpected conditions or landowner requests are not prohibited.

Also, in accordance with the "Orders," the 12.9 miles of pipeline shall be constructed, maintained and operated as set forth in MidAmerican's July 31, 2002, land restoration plan filed as Third Revised Exhibit "I," and the December 11, 2002, addendum to the plan addressing compliance during winter construction.

Additionally, the following safety enhancements shall apply to Permit No 1206:

- (1) The pipe used in construction will be at least 0.375-inch wall thickness in residential areas.
- (2) The pipe will be buried with at least five feet of cover in agricultural land and in residential areas in Pleasant Hill.
- (3) MidAmerican will x-ray 100 percent of field welds.
- (4) A remote operated shutdown valve will be installed at the transfer point with Northern.
- (5) Marking tape will be buried above the pipeline in the trench within Pleasant Hill.
- (6) The natural gas will be odorized at the point it is transferred from Northern to MidAmerican.
- (7) The entire pipeline will be designed to Class Location 3 requirements.
- (8) MidAmerican will leak survey the pipeline four times per year in the residential areas of Pleasant Hill.
- (9) MidAmerican will continuously monitor the pipeline flow rate and pressure of the pipeline.

(10) MidAmerican will provide emergency response training to local emergency responders and coordinate training with other pipeline operators in Pleasant Hill.

(11) MidAmerican will provide informational brochures and conduct meetings with local residents to inform them of gas safety issues and also promote awareness.

(12) The pipeline will have a maximum allowable operating pressure of 800 psig.

Permit No. 1206 shall be effective until December 13, 2027 unless revoked, terminated, or amended by the Utilities Board.

UTILITIES BOARD

/s/ Diane Munns
Chairperson

ATTEST:

/s/ Judi K. Cooper
Executive Secretary

Dated at Des Moines, Iowa, this 13th day of December, 2002.

Second Revised Exhibit A

Route Description

Beginning at the Northern Natural Gas Company pipeline, at a point adjacent to the east line of NE 38th Street and the northwest corner of the S½ of the NW¼ of Section 28, T80N, R23W of the 5th P.M., Polk County, Iowa; thence easterly, on private property, through the NW¼ of said Section 28 to a point west of the east line of said NW¼ and the right of way of the Union Pacific Railroad; thence southerly, on private property, parallel with said railroad through the NW¼ and the SW¼ of said Section 28; thence continuing southerly, on private property, parallel with said railroad through the NW¼ and SW¼ of Section 33, said township and range; thence southwesterly, on private property, parallel with said railroad into the NW¼ of Section 4, T79N, R23W; thence southeasterly across said railroad; thence south and southeasterly, on private property, through the NW¼ and the SW¼ of said Section 4; thence southerly, on private property; into the NW¼ of Section 9, said township and range, crossing the Union Pacific Railroad; thence southeasterly, on private property, into the NE¼ of said Section 9; thence south through the NE¼ and SE¼ of said Section 9 to Interstate Highway 80; thence crossing said Interstate Highway 80 into the NE¼ of Section 16, said township and range; thence south and east, on private property, through the NE¼ of said Section 16; thence easterly, on private property, through the NW¼ of Section 15, said township and range, to U.S. Highway 65; thence southeasterly, on private property, west of and along said U.S. Highway 65 through the NW¼, and the SW¼ of said Section 15 to U.S. Highway No. 6; thence crossing said U.S. Highway 6; thence continuing southeasterly, on private property, through the SW¼ and SE¼ of Section 15; thence continuing southeasterly, on private property, along U.S. Highway 65 through the NE¼ and the SE¼ of Section 22, said township and range; thence continuing southeasterly, on private property, along U.S. Highway 65 through the SW¼ of Section 23, said township and range; thence continuing southeasterly, on private property, along U.S. Highway 65, into the NW¼ of Section 26, said township and range, to the existing MidAmerican 345 kV electric line corridor; thence southerly, on private property, along said electric line corridor, through the NW¼ and the SW¼ of said Section 26; thence continuing southerly, on private property, through the NW¼ of Section 35, said township and range to the Iowa Interstate Railroad; thence crossing said railroad; thence continuing southerly, on private property, through the NW¼ and the SW¼ of

said Section 35; thence continuing southerly and southwesterly, on private property, through the NE $\frac{1}{4}$ of Section 4, T78N, R23W to Highway No. 163; thence crossing said Highway No. 163 and continuing southwesterly, on private property and city park property along said electric line corridor, through the NE $\frac{1}{4}$, the SE $\frac{1}{4}$ and the SW $\frac{1}{4}$ of said Section 4, said township and range; thence continuing southwesterly, on private property, along said electric line corridor and crossing the Burlington Northern and Sante Fe Railroad right of way, through the NW $\frac{1}{4}$ and the SW $\frac{1}{4}$ of Section 9, said township and range to Vandalia Road; thence crossing said Vandalia Road and continuing southwesterly, on private property, along said electric line corridor through the NW $\frac{1}{4}$ of Section 16, said township and range; thence continuing southwesterly, on private property, through the NE $\frac{1}{4}$ and into the SE $\frac{1}{4}$ of Section 17, said township and range, to a valve setting on MidAmerican Energy Company property; thence westerly in said SE $\frac{1}{4}$ of Section 17 on MidAmerican Energy Company property to S.E. 45th Street; thence crossing S.E. 45th Street; thence continuing westerly in said SE $\frac{1}{4}$ of Section 17 on MidAmerican Energy Company property to a pressure regulator station for the greater Des Moines Energy Center for a distance of 12.9 miles, and there ending.